

FACT SHEET

Soba EpoLINE®

Challenge

Components on buildings are constantly exposed to loads such as temperature fluctuations, earthquakes or other physical conditions. These have an effect on the volume and the characteristics of the materials used, as well as on the construction materials, and can cause signs of wear or cracking with disastrous consequences. Choosing the right sealing system is therefore of the utmost importance.

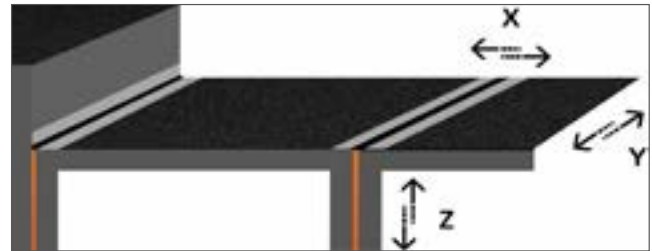
Solution

A joint tape system pre-assembled at the factory for quick and safe installation. The vulcanisation of all shaped parts guarantees a homogeneous joint tape system without weak points.

The centre is formed by the highly elastic expansion zone in the middle of the tape system which is positioned over the joint. The bonding flanges reinforced with a support on the sides ensure a friction-locked connection with the sealing system. This clearly separates the functions "movement absorption" and "integration into the sealing system".

Advantages of EpoLINE

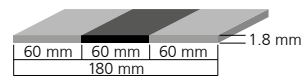
- Tapes and moulded parts are supplied as ready-made systems
- Cost-effective installation thanks to prefabricated, precisely fitting expansion joint tapes
- Follow any joint course without any problems
- Flush installation without loops and beads
- No complex substructures thanks to "sandwich installation"
- Very high resistance to building vibrations (e.g. during earthquakes)
- Force-fit connections with epoxy resin adhesive on concrete and metal, etc.
- Construction vulcanisation possible



Movement pattern for 3-dimensional joint movement

Product

EpoLINE 30



X max. ± 30 mm
Y max. ± 15 mm
Z max. ± 22 mm
Vr = 40 mm

X Lateral movement / **Y** Longitudinal movement / **Z** Vertical movement
Vr Maximum resulting displacement

Installation

EpoLINE is only applied onto the substrate (concrete, steel) with epoxy resin adhesive owing to the small width of the bonding flanges.



Angled installation with pre-assembled shaped part